

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038062.D
 Acq On : 16 Dec 2022 12:02
 Operator : CG/JU
 Sample : N5925-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXQ9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 23:19:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	7215	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.867	136	22314	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	12432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	27583	0.400	ng/ul	0.00
17) Chrysene-d12	21.588	240	25129	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	24665	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	31971	3.242	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.445	152	8607	0.264	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	25085	0.275	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	2072	0.031	ng/ul#	87
7) 2-Methylnaphthalene	12.517	142	985	0.024	ng/ul	99
10) Acenaphthylene	14.402	152	2928	0.045	ng/ul#	89
11) Acenaphthene	14.740	153	1300	0.026	ng/ul	94
12) Fluorene	15.721	166	1129	0.021	ng/ul#	95
14) Pentachlorophenol	17.063	266	3224	0.282	ng/ul	98
15) Phenanthrene	17.459	178	33041	0.356	ng/ul	100
16) Anthracene	17.548	178	8010	0.093	ng/ul	93
19) Fluoranthene	19.468	202	124591	0.960	ng/ul	99
20) Pyrene	19.831	202	104211m	0.787	ng/ul	
21) Benzo(a)anthracene	21.571	228	61532	0.567	ng/ul	99
22) Chrysene	21.623	228	69823	0.638	ng/ul	97
24) Benzo(b)fluoranthene	23.289	252	103970	0.889	ng/ul#	72
25) Benzo(k)fluoranthene	23.336	252	31797m	0.282	ng/ul	
26) Benzo(a)pyrene	23.938	252	62187	0.631	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.612	276	46693	0.378	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.622	278	11511	0.120	ng/ul#	41
29) Benzo(g,h,i)perylene	27.410	276	42472	0.404	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

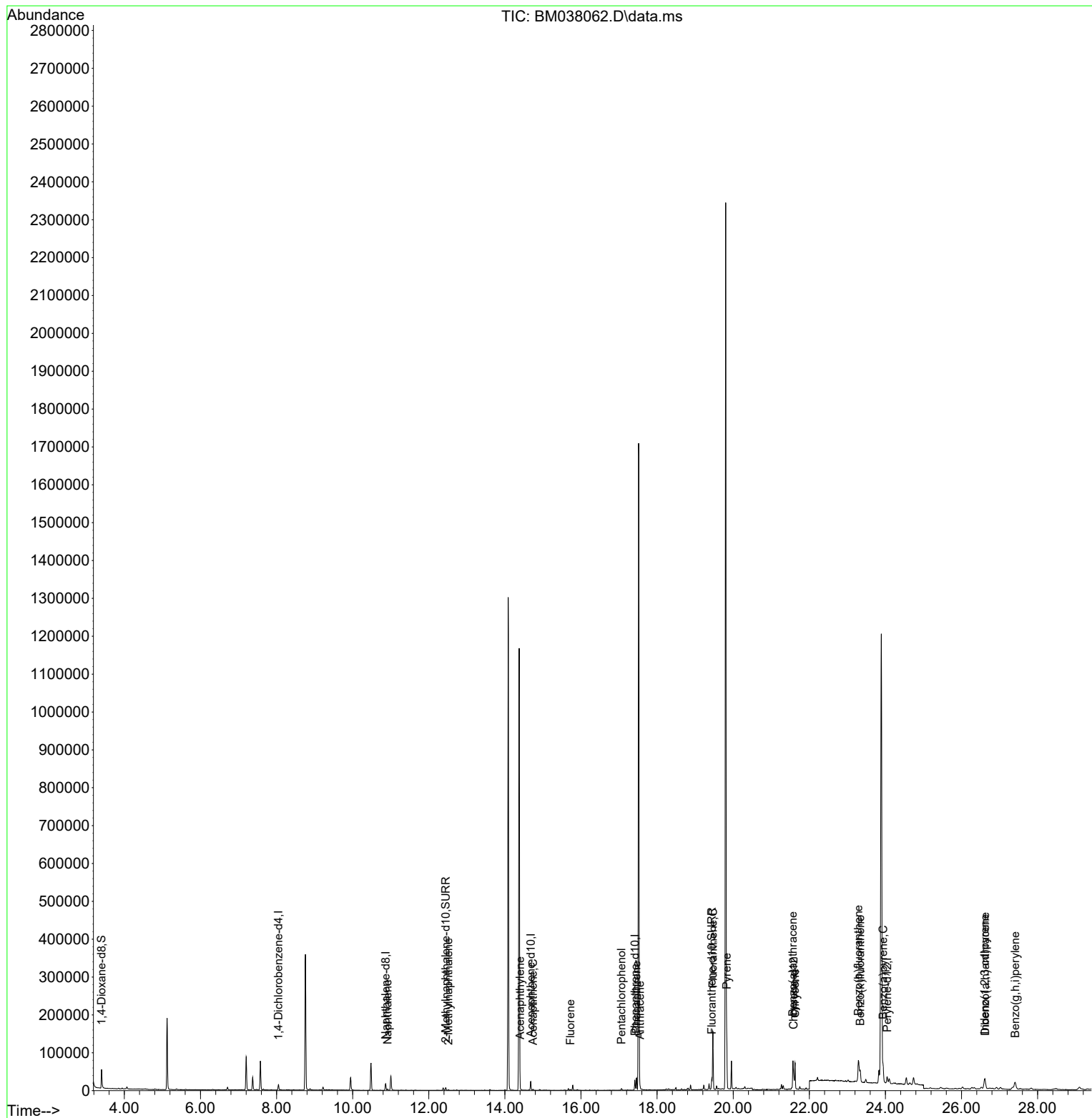
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038062.D
Acq On : 16 Dec 2022 12:02
Operator : CG/JU
Sample : N5925-03
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ALS Vial : 43 Sample Multiplier: 1

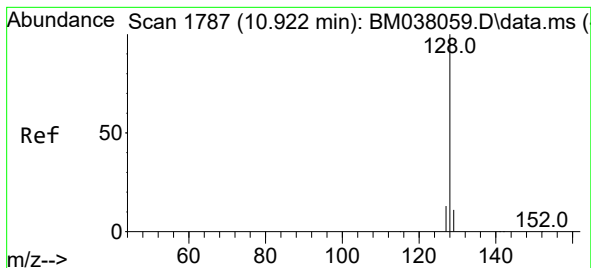
Instrument :
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ClientSampleId :
DBXQ9

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Supervised By :mohammad ahmed 12/19/2022

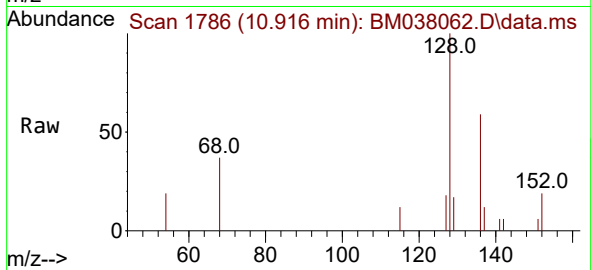
Quant Time: Dec 16 23:19:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.916 min Scan# 1786
Delta R.T. -0.011 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

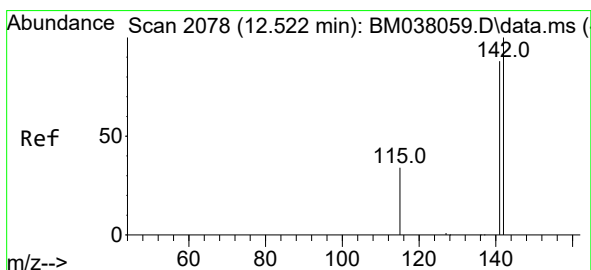
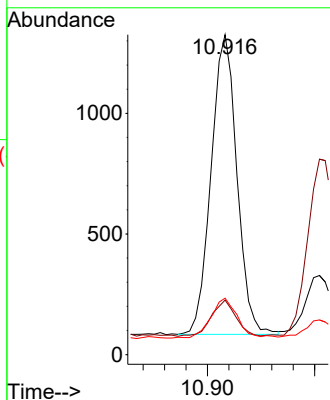
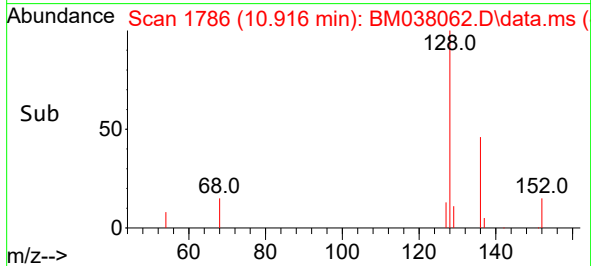
Instrument :
BNA_M
ClientSampleId :
DBXQ9



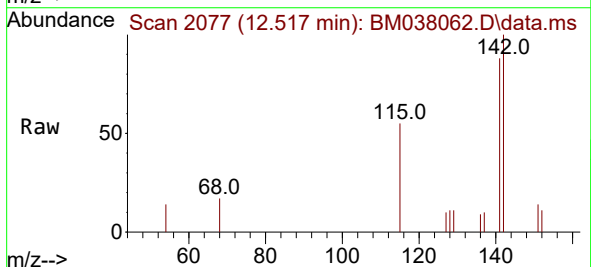
Tgt Ion:128 Resp: 2072
Ion Ratio Lower Upper
128 100
129 17.0 9.1 13.7
127 17.6 10.4 15.6

Manual Integrations
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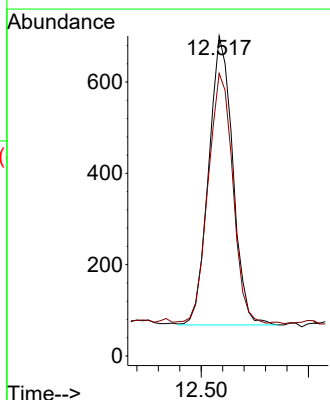
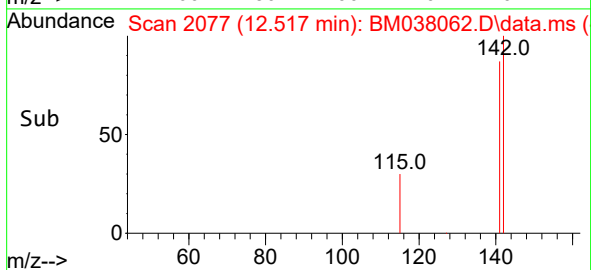
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

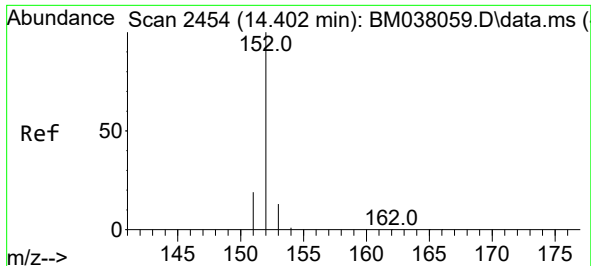


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.011 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02



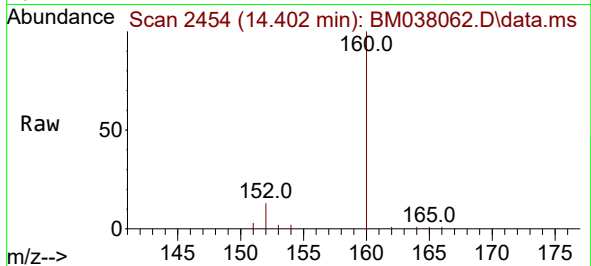
Tgt Ion:142 Resp: 985
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6





#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

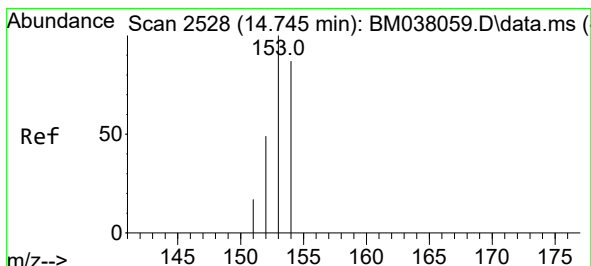
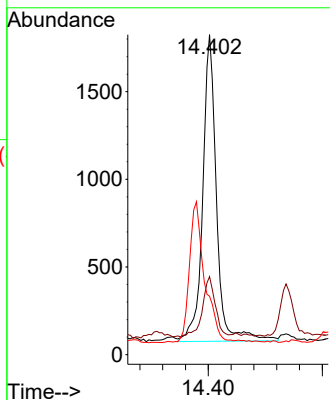
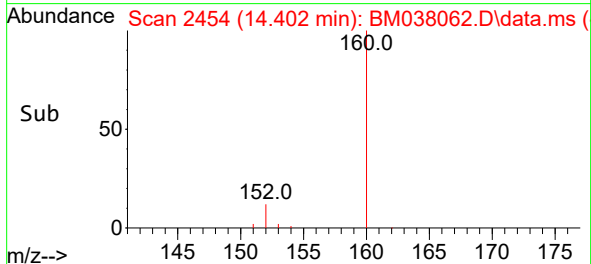
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:152 Resp: 2928
Ion Ratio Lower Upper
152 100
151 24.4 15.5 23.3
153 18.2 11.0 16.4

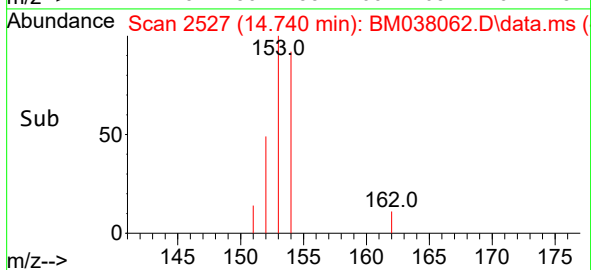
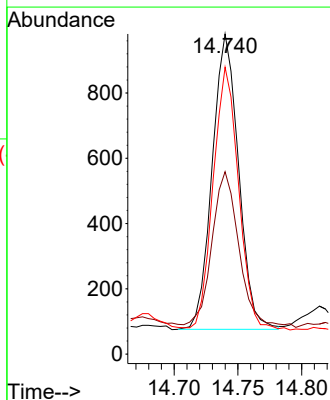
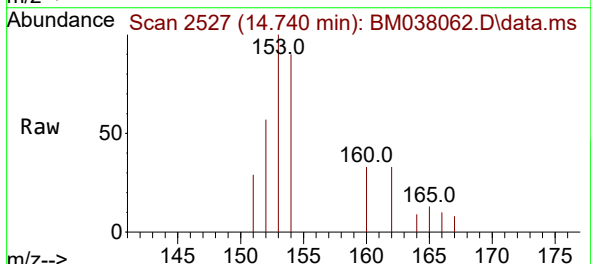
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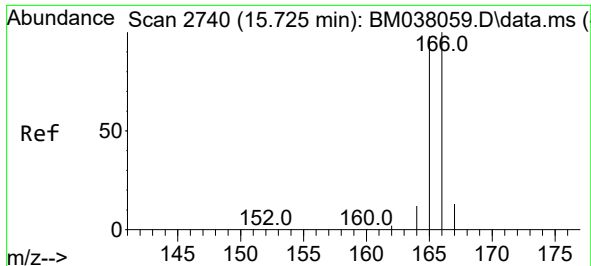
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

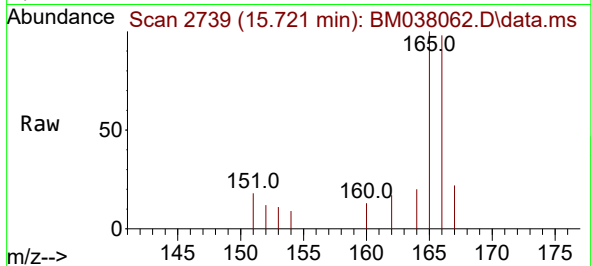
Tgt Ion:153 Resp: 1300
Ion Ratio Lower Upper
153 100
152 57.0 39.5 59.3
154 89.6 69.2 103.8





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.721 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

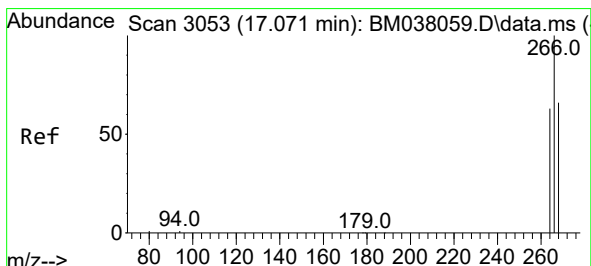
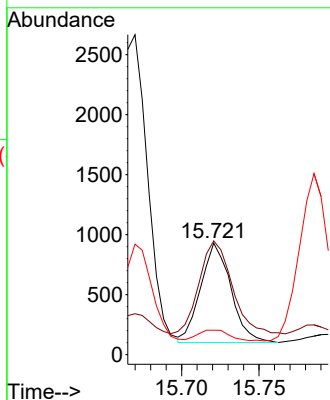
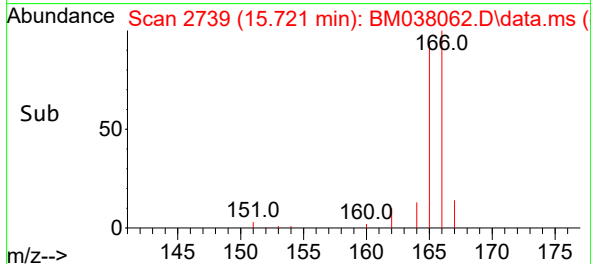
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:166 Resp: 1129
Ion Ratio Lower Upper
166 100
165 102.0 79.0 118.4
167 22.0 11.1 16.7

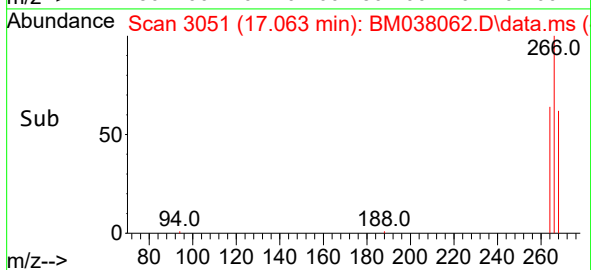
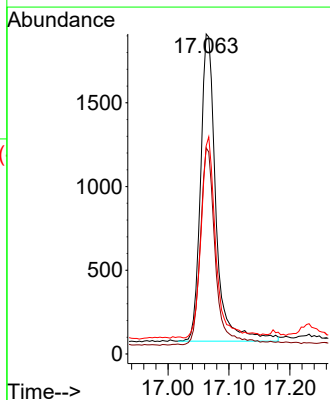
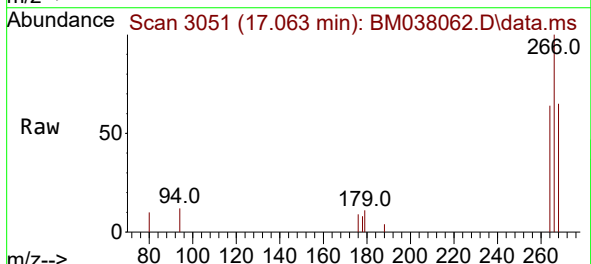
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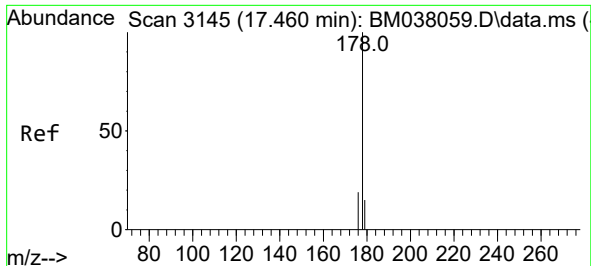
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#14
Pentachlorophenol
Concen: 0.282 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.008 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

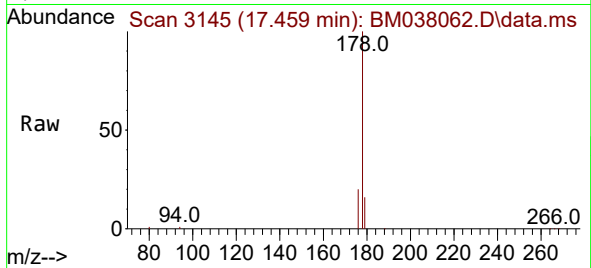
Tgt Ion:266 Resp: 3224
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 62.8 52.0 78.0





#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

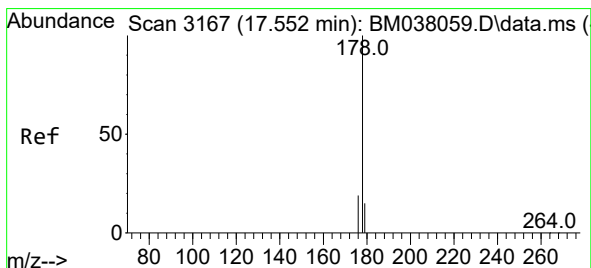
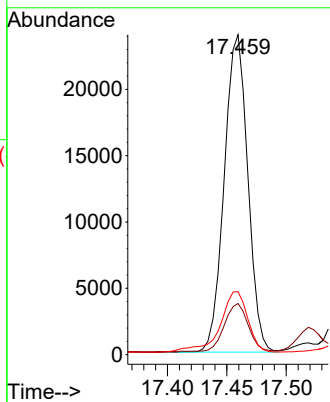
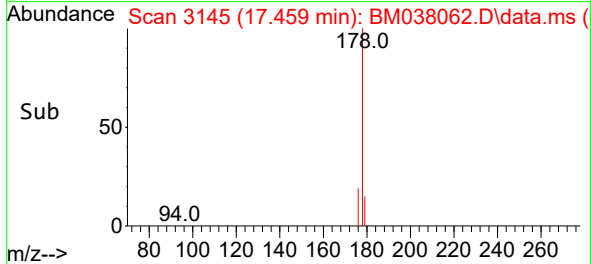
Instrument :
BNA_M
ClientSampleId :
DBXQ9



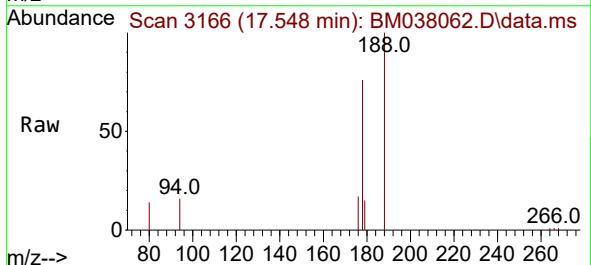
Tgt Ion:178 Resp: 3304
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.7 15.8 23.6

Manual Integrations
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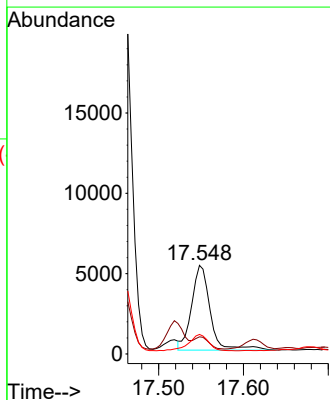
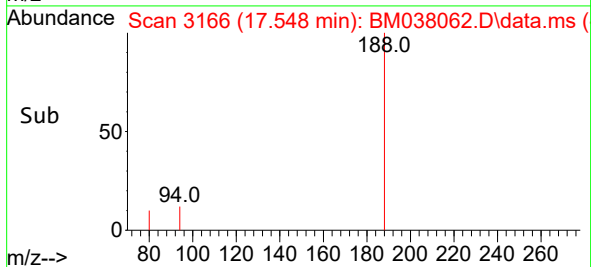
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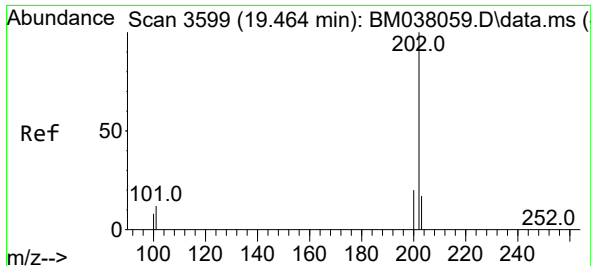


#16
Anthracene
Concen: 0.093 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.008 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02



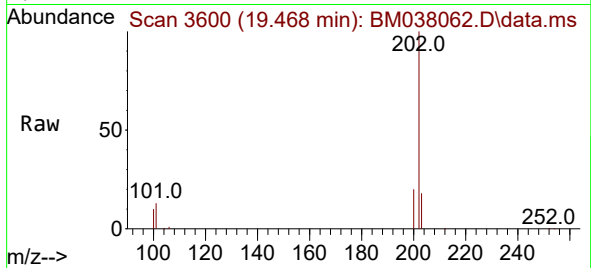
Tgt Ion:178 Resp: 8010
Ion Ratio Lower Upper
178 100
179 19.3 13.0 19.4
176 22.1 15.0 22.4





#19
Fluoranthene
Concen: 0.960 ng/ul
RT: 19.468 min Scan# 3599
Delta R.T. -0.000 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

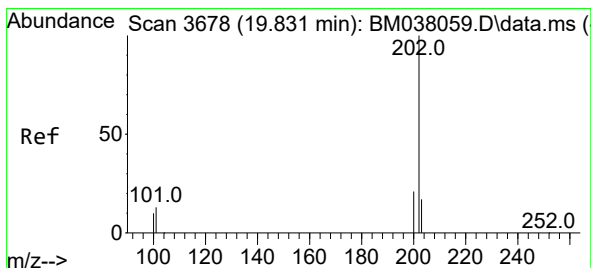
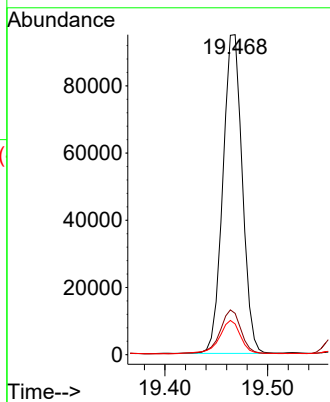
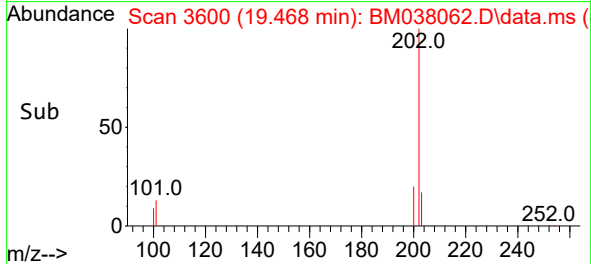
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:202 Resp: 12459
Ion Ratio Lower Upper
202 100
101 12.9 10.6 15.8
100 9.6 7.9 11.9

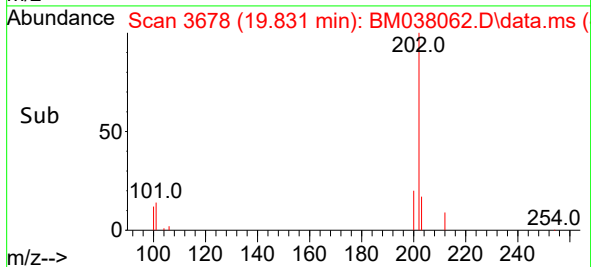
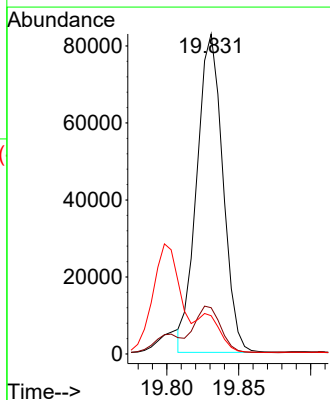
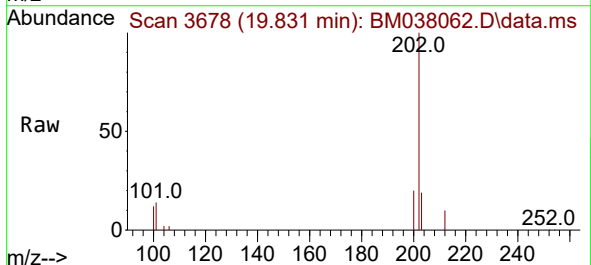
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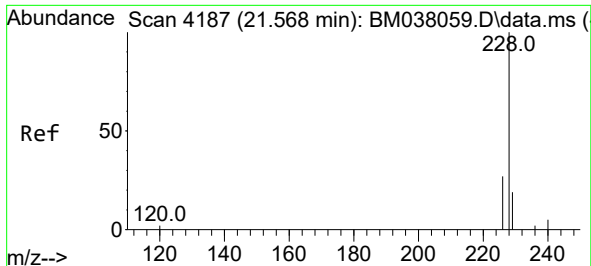
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#20
Pyrene
Concen: 0.787 ng/ul m
RT: 19.831 min Scan# 3678
Delta R.T. -0.000 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

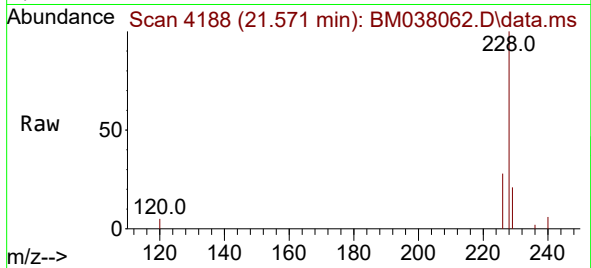
Tgt Ion:202 Resp: 104211
Ion Ratio Lower Upper
202 100
101 14.4 12.1 18.1
100 12.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.567 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

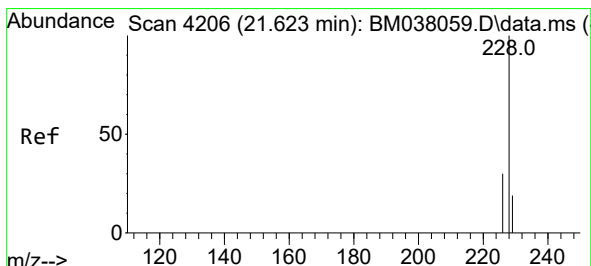
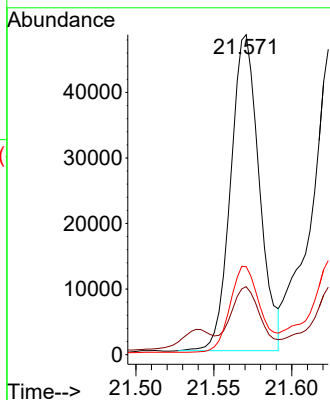
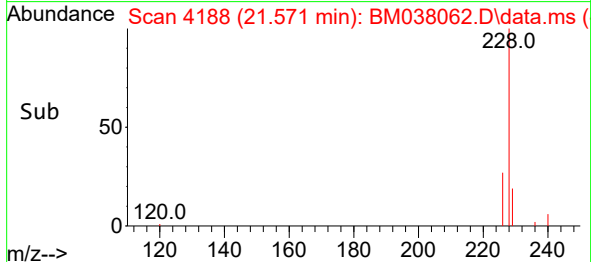
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:228 Resp: 61532
Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 27.5 22.1 33.1

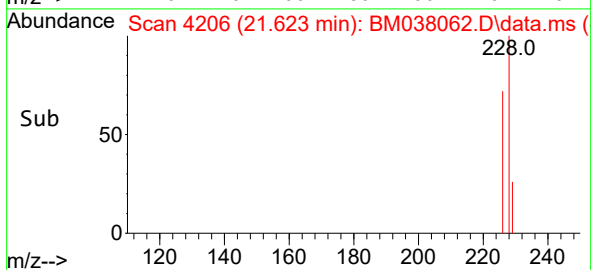
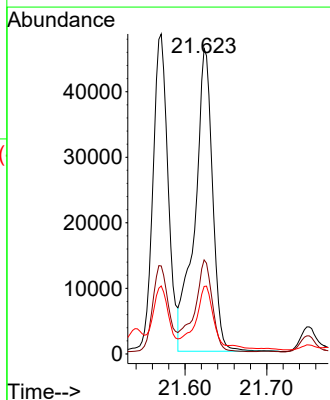
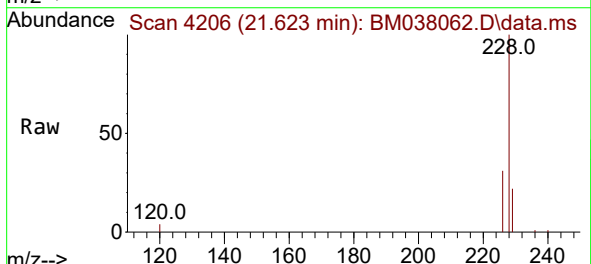
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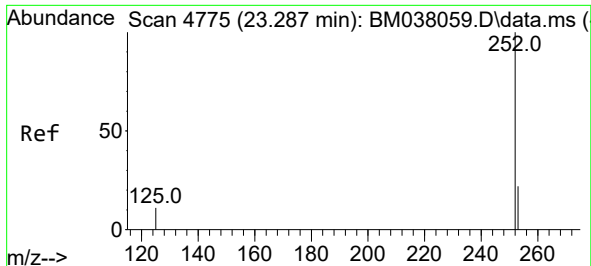
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#22
Chrysene
Concen: 0.638 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. -0.000 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

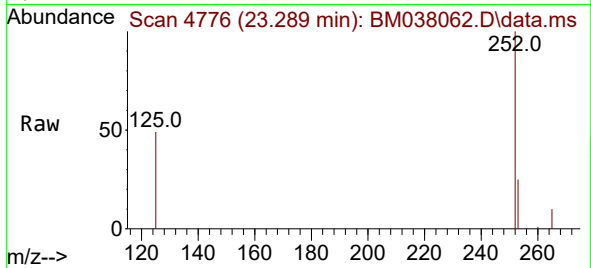
Tgt Ion:228 Resp: 69823
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.889 ng/ul
RT: 23.289 min Scan# 4775
Delta R.T. 0.003 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

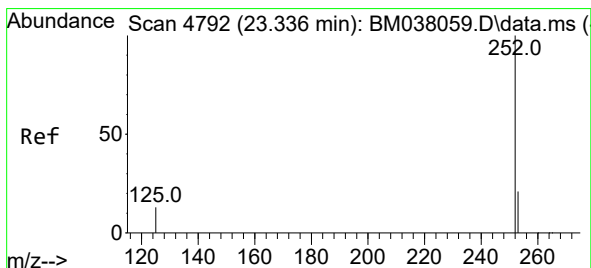
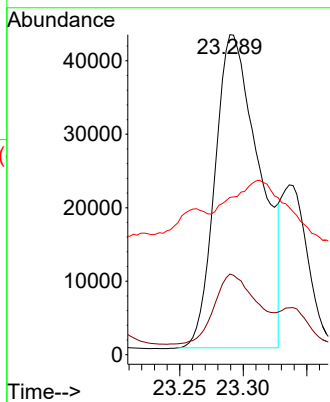
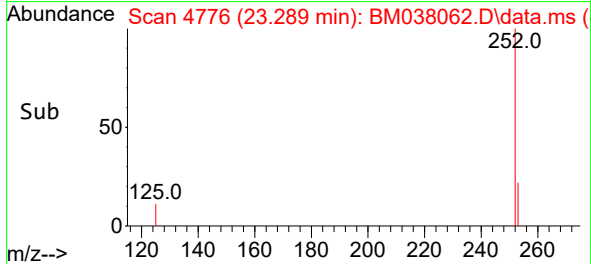
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:252 Resp: 103970
Ion Ratio Lower Upper
252 100
253 25.2 0.0 51.8
125 49.2 0.0 42.2

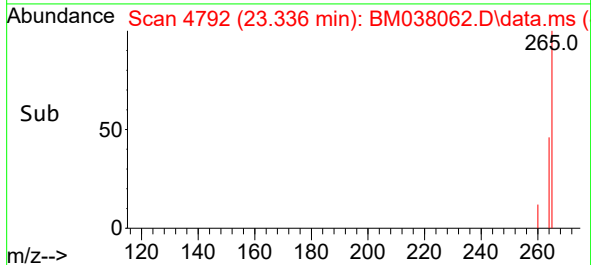
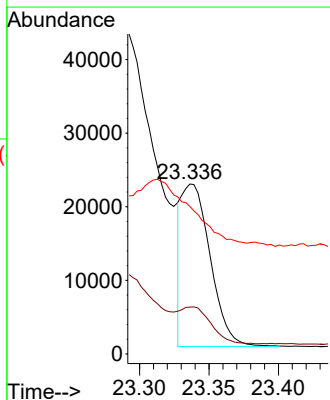
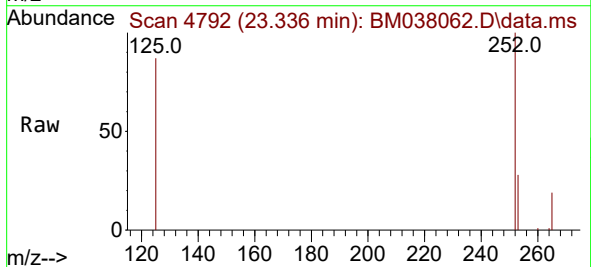
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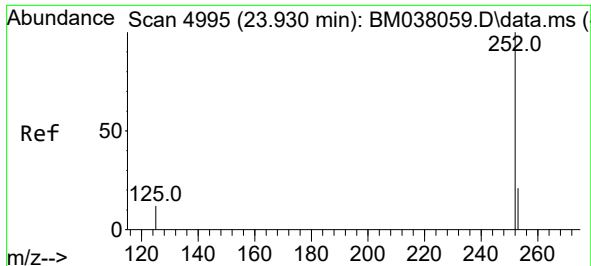
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul m
RT: 23.336 min Scan# 4792
Delta R.T. -0.000 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

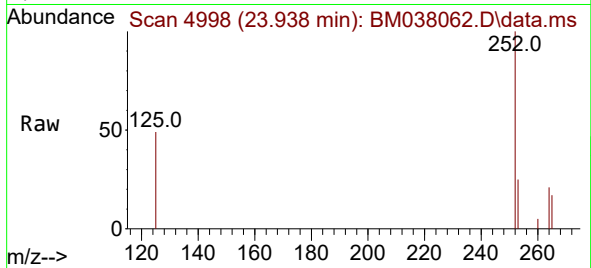
Tgt Ion:252 Resp: 31797
Ion Ratio Lower Upper
252 100
253 27.6 20.8 31.2
125 86.8 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.631 ng/ul
RT: 23.938 min Scan# 4998
Delta R.T. 0.009 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

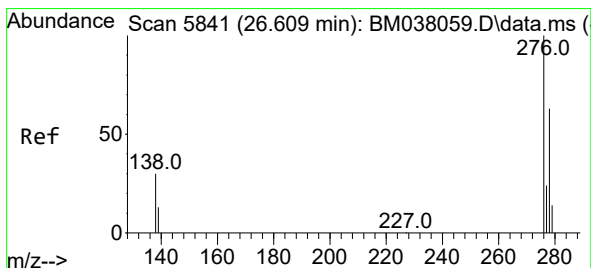
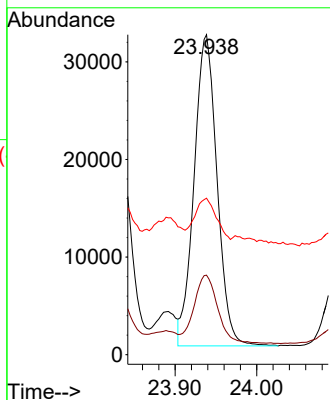
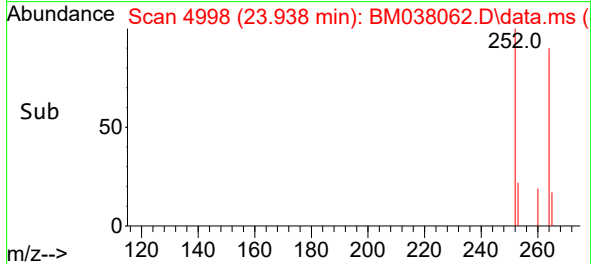
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:252 Resp: 6218
Ion Ratio Lower Upper
252 100
253 24.8 21.9 32.9
125 48.9 20.7 31.1

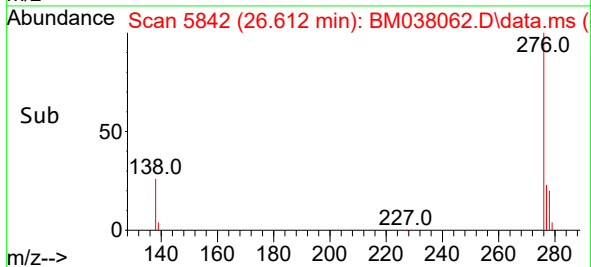
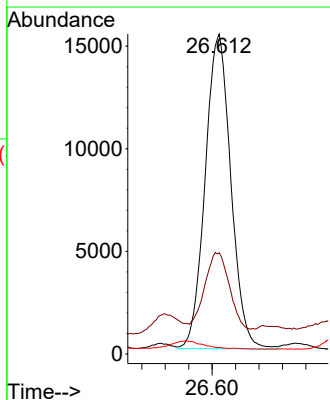
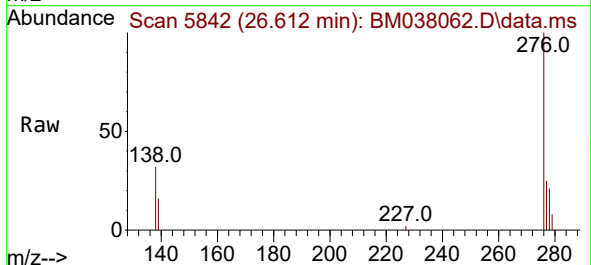
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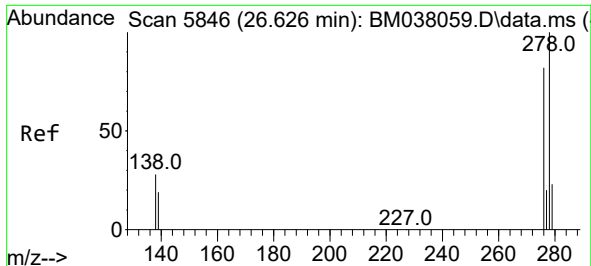
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. 0.003 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

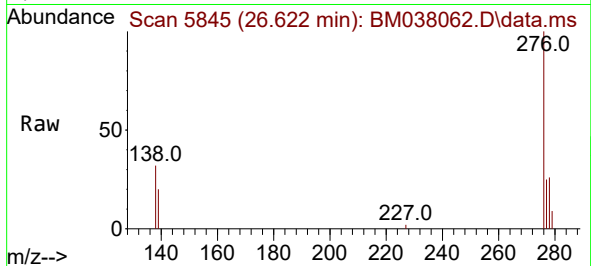
Tgt Ion:276 Resp: 46693
Ion Ratio Lower Upper
276 100
138 24.4 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.120 ng/ul
RT: 26.622 min Scan# 5846
Delta R.T. -0.000 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

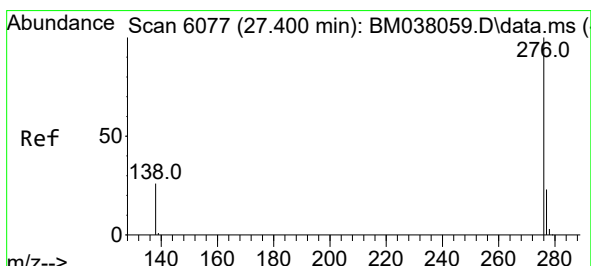
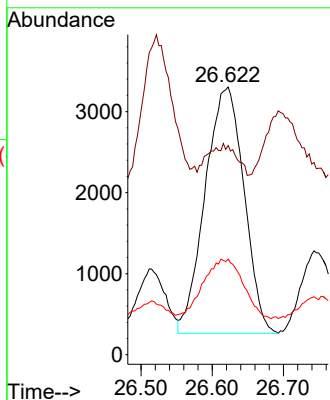
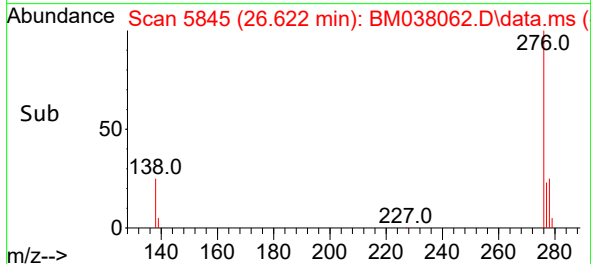
Instrument :
BNA_M
ClientSampleId :
DBXQ9



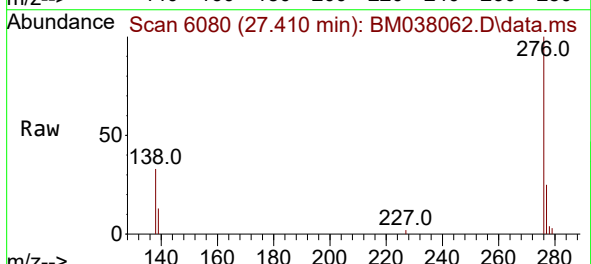
Tgt Ion:278 Resp: 1151
Ion Ratio Lower Upper
278 100
139 78.1 19.0 28.6
279 35.7 22.4 33.6

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APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 27.410 min Scan# 6080
Delta R.T. 0.010 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02



Tgt Ion:276 Resp: 42472
Ion Ratio Lower Upper
276 100
138 33.0 24.1 36.1
277 24.6 19.0 28.6

